

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Applicants : Reuven Bakalash, Guy Shaked and Joseph Caspi
Application No. : 10/053,352
Filing Date : November 7, 2001
Title of Invention : METHOD OF AND APPARATUS FOR DATA
AGGREGATION UTILIZING A MULTIDIMENSIONAL
DATABASE AND MULTI-STAGE DATA AGGREGATION
OPERATIONS
Examiner : not yet assigned
Group Art Unit : 2171
Attorney Docket No. : 122-007USANCO

Commissioner of Patents
and Trademarks
Washington, D.C. 20231

PRELIMINARY AMENDMENT

SIR:

Prior to examination of the present Application, please amend the same as follows.

AMENDMENT OF THE SPECIFICATION:

On Page 12, please amend the third paragraph as follows:

AI
Cm't

An exemplary star schema is illustrated in FIG. 17A for suppliers (the "Supplier" dimension) and parts (the "Parts" dimension) over time periods (the "Time-Period" dimension). It includes a central fact table "Supplied-Parts" that relates to multiple dimensions - the "Supplier", "Parts" and "Time-Period" dimensions. [FIG. 17B illustrates the tables used to implement the star schema of FIG. 17A. More specifically, these tables include a] A central fact table and a dimension table for each dimension in the logical schema of FIG. 17A may be used to implement this logical schema. A given dimension table stores rows (instances) of the dimension defined in the logical schema. [For the sake of description, FIG. 17B illustrates the dimension table for the "Time-Period" dimension only. Similar dimension tables for the "Supplier" and "Part" dimensions (not shown) are also included in such an implementation.] Each row within the central fact table includes a multi-part key associated with a set of facts (in this example, a number representing a quantity). The multi-part key of a given row (values